

# TP T BNC DA4

TP - Twisted Pair Transmitter/Distribution Amplifier for RGBHV



## FEATURES

- Input: Female BNCs
- Output: Four female RJ-45 connectors
- Transmits signals to four TP R Series receivers
- Four individually isolated, buffered, and amplified outputs
- Supports RGBHV, RGBS, RGB, component video, S-video, and composite video
- Transmits signals 1,000 feet (300 meters) or more over Category 5, 5e, or 6 UTP cable
- Through-desk, under-desk, or rack-mountable
- External universal power supply included, part # 70-057-01 — Provides worldwide power compatibility.

## DESCRIPTION

The Extron **TP T BNC DA4** video distribution amplifier/transmitter splits a single analog computer-video input into four identical outputs and transmits the signals 1,000 feet (300 meters) or more via Category 5, 5e, or 6 shielded twisted pair or unshielded twisted pair cable. The TP T BNC DA4 transmits the computer-video to four compatible Extron twisted pair receivers with no loss of signal integrity.

The TP T BNC DA4 is compatible with nearly every computer and video signal type, including VGA-UXGA, composite video, component video, and S-video. Optional mounting kits allow the TP T BNC DA4 video distribution amplifier/transmitter to be mounted on a rack shelf, or under or through a desk surface.

## SPECIFICATIONS

### VIDEO – VIDEO MODELS

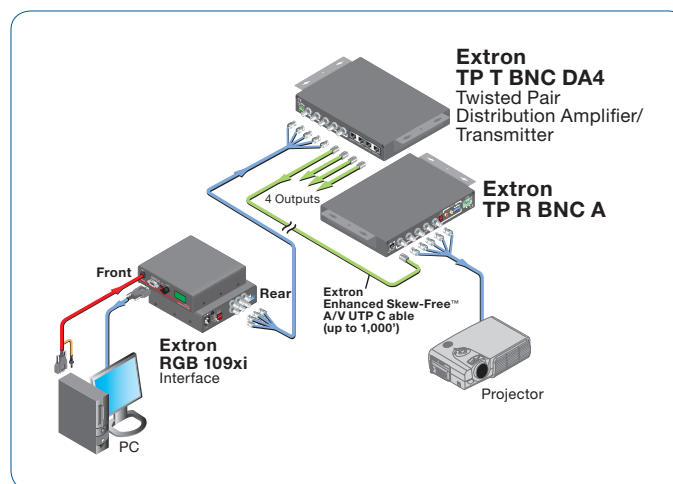
Number / Signal type.....	4 sets of proprietary analog signals
Connectors .....	4 shielded RJ-45 female

### VIDEO INPUT

Number / Signal type.....	1 analog RGBHV, RGBS, RGB, component video, or S-video; or 1 S-video and 1 NTSC/PAL/SECAM composite video from a single source; or 3 NTSC/PAL/SECAM composite video from a single source
Connectors .....	5 BNC female
Nominal level .....	1 Vp-p for Y of component video and S-video, and for composite video 0.7 Vp-p for RGB and for R-Y and B-Y of component video 0.3 Vp-p for C of S-video
Minimum / Maximum levels...	0.3 V to 1.45 Vp-p with no offset at unity gain
Impedance.....	75 ohms
Horizontal frequency.....	15 kHz to 130 kHz
Vertical frequency.....	30 Hz to 150 Hz

### GENERAL

Power.....	15 VDC, 0.8 A, external
NOTE: The TP R 15HD A receiver will not provide power to any twisted pair transmitter.	
Rack mount .....	Yes, with optional rack shelves (See optional accessories.)
Enclosure type .....	Metal
Enclosure dimensions.....	1.3" H x 6.8" W x 4.5" D (<1U high, <half rack wide) (3.3 cm H x 17.3 cm W x 11.4 cm D) (Depth excludes connectors.)
Product / Shipping weight.....	0.9 lbs (0.4 kg) / 3 lbs (2 kg)



MODEL	VERSION DESCRIPTION	PAGE	PART #
TP T BNC DA4	Four Output Transmitter/DA .....	60-349-02	
COMPATIBLE RECEIVERS	MODEL DESCRIPTION	PAGE	PART #
TP R BNC A	TP - Twisted Pair Receiver for RGBHV and Audio .....	page 102	60-351-02
TP R BNC AV	TP - Twisted Pair Receiver for RGBHV, Composite Video, and Audio .....	page 103	60-350-03
TP R 15HD A	TP R - Twisted Pair Receiver for RGBHV and Audio .....	page 101	60-450-01
VTR001	VT - VGA Twisted Pair Receiver for RGBHV .....	page 66	60-582-01
VTR001 AAP	VT - VGA Twisted Pair Receiver for RGBHV - AAP Version .....	page 66	70-259-11
VTR001 MAAP	VT - VGA Twisted Pair Receiver for RGBHV - MAAP Version .....	page 66	70-285-11
INCLUDED ACCESSORIES	MODEL DESCRIPTION	PAGE	PART #
EPS 1508 B	Extron Desktop Power Supply - 15VDC, 800mA, wire.....	page 694	70-057-01
OPTIONAL ACCESSORIES	MODEL DESCRIPTION	PAGE	PART #
RSU 129	1U 9.5" Deep Universal Rack Shelf Kit .....	page 819	60-190-01
RSM 100	Rack Shelf Mount Kit .....	page 817	70-123-01
MBD 129	1U, 1/2 & 1/4 Rack Width Through-Desk Mount Kit for Two-Piece Enclosure...	page 817	70-077-02